

Porter, Janet

From: Woods, Eric
Sent: Wednesday, November 20, 2002 2:55 PM
To: Vanarsdale, Chuck; Kumthekar, Uday
Cc: Chiou, Jyh-Dong
Subject: FW: borrow pit drawing comments

FYI - Eric

-----Original Message-----

From: Tom Schneider [mailto:Tom.Schneider@epa.state.oh.us]
Sent: Wednesday, November 20, 2002 12:58 PM
To: Eric.Woods@fernald.gov; Pete.Yerace@fernald.gov; Bill_Kurey@FWS.GOV
Cc: Donna Bohannon; Joe Bartoszek; Lillian Gonzalez; Johnny.Reising@fernald.gov; John_Homer@fernald.gov
Subject: borrow pit drawing comments

Haha get publishing figured out then forget to attach comments!

I have attached our comments on the revised borrow pit drawings. I think I figured how to submit it for publishing as well!! So maybe it will show up on e-desk. Glad to discuss comments if you would like.

Seeya
TomS

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Ohio EPA Comments on
Borrow Area Drawing 90X-5500-G-00619 & -00620
November 20, 2002

1. Drawing 00619, Note 6: Why is no topsoil being proposed for placement below elevation 571? It appears to Ohio EPA that Subarea 2 will act like a large mudflat with water levels receding over the course of the summer. The area should be covered with at least a 6" layer of topsoil to support vegetation during drying periods. Considering the large quantity of available topsoil this shouldn't be difficult to obtain.
2. Drawing 00619, Note 5: Similar to the previous comment, Ohio EPA believes it is important to seed the entirety of Subarea 2. Unless an area is going to be permanently inundated by a foot of water or more it should be seeded. This seed will provide available seed bank for periods of drying supporting essential vegetative cover. If not seeded this area is likely to become a large monoculture of cattails. Plugging would also be useful to prevent such a monoculture establishment.
3. Drawing 00619, Silt fence: The proposed placement of silt fence probably doesn't provide much benefit to the project and should be eliminated. It simply places an additional maintenance burden without providing any tangible environmental benefit considering the area is designed as a sediment basin. Silt fence should be installed along the eastern project area where drainage from the clay screening area stockpiles may impact the restoration.
4. Drawing 00620, Island Typical: The drawing calls for a "minimum 2'" vertical elevation. Our previous comments recommended the islands but with a 2' maximum elevation. The drawing should be revised to ensure construction personnel do not create islands that are too high.
5. ² Specification 00930 Ohio EPA recommends changing the permanent wet mix to replace yellow coneflower (*Ratibida pinnata*) with sawtooth sunflower (*Helianthus grosserratus*). Sawtooth sunflower is better suited to wet conditions and is a good food source for wildlife. Additionally, Ohio EPA recommends replacement of purple prairie clover (*Petalostemum purpureum*) with Dotted Horsemint (*Monarda punctata*). This recommendation is due to questions regarding the native status of purple prairie clover in Ohio and the demonstrated success of Dotted Horsemint in the Carolina area.